

**APPENDIX VI**  
**WOOD ANALYSIS RESULTS OF THE**  
**HOCKESSIN VALLEY SITE**

By

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**HOCKESSIN VALLEY SITE  
CHARCOAL IDENTIFICATIONS - OVERVIEW**

<b>Site Code</b>	<b>ID</b>	<b>Feature</b>
7NC-A-17	hardwood pith	1-postmold (PM)
7NC-A-17	Carya sp. (hickory)	1-PM
7NC-A-17	Carya sp. (hickory)	1-PM
7NC-A-17	Carya sp. (hickory)	1-PM
7NC-A-17	Carya sp. (hickory)	1-PM
7NC-A-17	Carya sp. (hickory)	1-PM
7NC-A-17	Possibly Quercus sp. (oak)	23-PM
7NC-A-17	Quercus sp. (oak)	23-PM
7NC-A-17	unidentifiable	23-PM
7NC-A-17	mud	23-PM
7NC-A-17	Juglans sp. (walnut)	23-PM
7NC-A-17	Fagus grandifolia (American beech)	hearth
7NC-A-17	Carya sp. (hickory)	hearth
7NC-A-17	Juglans sp. (walnut)	hearth
7NC-A-17	Quercus sp. (oak)	hearth
7NC-A-17	pith of unidenti'l wood	hearth
7NC-A-17	Juglans sp. (walnut)	hearth
7NC-A-17	Fagus grandifolia (American beech)	hearth
7NC-A-17	Juglans sp. (walnut)	hearth
7NC-A-17	Juglans sp. (walnut)	hearth

**Key**

PM = postmold

**FEATURE 1-POSTMOLD**

Site Code: 7NC-A-17      Feature: 1-PM  
Sample #: 1              Size: <10mm  
ID: hardwood pith

Comments: 3 seriate ray forming.

Site Code: 7NC-A-17      Feature: 1-PM  
Sample #: 2              Size: 8x5x4mm  
ID: Carya sp. (hickory)

Comments: ring porous with wavy parenchyma in LW.

Site Code: 7NC-A-17      Feature: 1-PM  
Sample #: 3              Size: 14x5x3mm  
ID: Carya sp. (hickory)

Comments: 2 row EW, large vessels, non-contiguous, wavy parenchyma.

Site Code: 7NC-A-17      Feature: 1-PM  
Sample #: 4              Size: 8x5x3  
ID: Carya sp. (hickory)

Comments: same as 3, but appears to have wavy parenchyma in EW.

Site Code: 7NC-A-17      Feature: 1-PM  
Sample #: 5              Size: 7x8x3mm  
ID: Carya sp. (hickory)

Comments: same as 3, but appears to have wavy parenchyma in EW.

Site Code: 7NC-A-17      Feature: 1-PM  
Sample #: 6              Size: 5x4x2  
ID: Carya sp. (hickory)

Comments: same as 3, but appears to have wavy parenchyma in EW.

**Key**

PM = postmold  
EW = early wood  
LW = late wood

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FEATURE 23-POSTMOLD

Site Code: 7NC-A-17      Feature: 23-PM  
Sample #: 1              Size: 5x3x2  
ID: Possibly Quercus sp. (oak)

Comments: Very deteriorated, crusty occlusions-mineralization, 2  
row EW vessels, with few sm. trail LW vessels.

Site Code: 7NC-A-17      Feature: 23-PM  
Sample #: 2              Size: 5x3x2  
ID: Quercus sp. (oak)

Comments: Pith plus first ring, 2 rows EW, trailed LW, large  
oak-type rays.

Site Code: 7NC-A-17      Feature: 23-PM  
Sample #: 3              Size: <10mm  
ID: unidentifiable

Comments: structure deteriorated-too amorphous.

Site Code: 7NC-A-17      Feature: 23-PM  
Sample #: 4              Size:  
ID: mud

Comments:

Site Code: 7NC-A-17      Feature: 23-PM  
Sample #: 5              Size: 3x2x2  
ID: Juglans sp. (walnut)

Comments: very large EW vessels, diffuse porous, occluded.

**FEATURE - HEARTH**

Site Code: 7NC-A-17      Feature: Hearth  
Sample #: 1              Size: <10mm  
ID: *Fagus grandifolia* (American beech)

Comments: ca. 5205±70 B.P.

Site Code: 7NC-A-17      Feature: Hearth  
Sample #: 2              Size: .5x10mm  
ID: *Carya* sp. (hickory)

Comments: ca. 5205±70 B.P.

Site Code: 7NC-A-17      Feature: Hearth  
Sample #: 3              Size: <10mm  
ID: *Juglans* sp. (walnut)

Comments: ca. 5205±70 B.P. Very mineralized, occluded vessels.

Site Code: 7NC-A-17      Feature: Hearth  
Sample #: 4              Size: 10x4x2mm  
ID: *Quercus* sp. (oak)

Comments: ca. 5205±70 B.P. Very mineralized, occluded vessels,  
large early wood vessels and trail of sm. late wood  
vessels suggest oak.

Site Code: 7NC-A-17      Feature: Hearth  
Sample #: 5              Size: <10mm  
ID: pith of unidenti'l wood

Comments: 5205±70 B.P.

Site Code: 7NC-A-17      Feature: Hearth  
Sample #: 6              Size: <10mm  
ID: *Juglans* sp. (walnut)

Comments: 5202±70 B.P. Very occluded, mineralized, deteriorated  
structure.

Site Code: 7NC-A-17      Feature: Hearth  
Sample #: 7              Size: 7x10x5mm  
ID: *Fagus grandifolia* (American beech)

Comments: 5205±70 B.P. Very occluded, mineralized, deteriorated  
structure, diffuse porous with large rays, no spiral  
thickening.

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**FEATURE - HEARTH (cont.)**

Site Code: 7NC-A-17      Feature: Hearth  
Sample #: 8              Size: 8x4x4mm  
ID: Juglans sp. (walnut)

Comments: 5205±70 B.P. Very occluded, mineralized, deteriorated  
structure, diffuse porous, extremely large vessels.

Site Code: 7NC-A-17      Feature: Hearth  
Sample #: 9              Size: 4x3x2mm  
ID: Juglans sp. (walnut)

Comments: 5205±70 B.P. Very occluded, mineralized, deteriorated  
structure, diffuse porous, extremely large vessels,  
vessel walls deteriorated, incomplete growth ring.